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Date:	Tue, 3/24/2015 4:55:23 PM
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1. **Schedule 4.14(a)(i) – all Company's Intellectual Property rights owned by the Company or used subject to a valid third party license**

2. **Schedule 4.14(a)(ii) – a detailed description of the Products of the Company**

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:**Company's answers**

Schedule 4.14(a)(i)

LPS – Local Positioning System. Reporty's Indoor Navigation Solution. In the core of the system is our Fused Statistical Machine Learning and Inertial Odometry algorithm. The algorithm learns the unique RF signatures created by Wi-Fi and BLE transmitters. The system harnesses the widespread of commodity Wi-Fi routers and BLE emerging technology in indoor spaces and together with the power of the crowd maps our indoor environments in order to provide upon demand an accurate micro-positioning in real-time. The solution is composed of the following components:

i. LPSCollector – A mobile application which captures unique location RF signals transmitted from Wi-Fi and BLE devices alongside Compass, Accelerometer and Gyroscope location based raw Data which will be used to create location specific signatures.

ii. LPSBuilder – Server side software which holds the Algorithm's core functionality. The Builder processes the raw location specific Data signals and outputs the Learner which will be used in order to translate RF signals to accurate indoor locations.

iii. LPSApp – Reporty's POC application which holds the Learner and Building Maps and provides accurate indoor positioning. The system has been tested in two malls in Israel and provides 2 meters accuracy in real-time - https://www.youtube.com/watch?v=6S89-I13GhM (Hebrew).

Schedule 4.14(a)(ii)

Reporty API Server – Reporty's Server side logic. Provides an integrating component between all sub-systems. The server handles incoming report requests from the mobile app and decides in real-time where and if a reporter should broadcast its report. The decision is based on the report event type, location, camera quality and connection bandwidth in order to provide the most suitable response in the fastest time and handle large scale disaster events. After a decision is made by the system the report will be relayed to the nearest Municipality or to the most relevant first responder (911). The Server is written in Scala above AKKA in order to provide a Scalable, Distributed and High Throughput system that

can handle as many requests as needed and auto-scale on demand using Amazon AWS. *Alpha version has been released in 22.01.15*.

F•W•M•K
Furth | Wilensky | Mizrachi | Knaani

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